

## MOV 0 1 1999 &

#/108

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		YAMASHIRO, Kyoko		RADEMARK	
		YAMAGUCHI, Nozomi			
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/		305	2011	****	-1-	Val	310	Cys	~- y	ьeu	Leu	315	FIIG	пуз	TYL	GIA		
/																		

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cct aaa agg ttt tgt gaa gaa cgt tat aag ggt cgg ttt aca ggg aga
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Pro Lys Arg Phe Cys Glu Glu Arg Tyr Lys Gly Arg Phe Thr Gly Arg
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atg ctt tgt gct gga aac ctc cat gaa cac aaa cgc gtg gac agc tgc
                                                                      2304
Met Leu Cys Ala Gly Asn Leu His Glu His Lys Arg Val Asp Ser Cys
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                                                 765
cag gga gac agc gga gga cca ctc atg tgt gaa cgg ccc gga gag agc
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Gln Gly Asp Ser Gly Gly Pro Leu Met Cys Glu Arg Pro Gly Glu Ser
    770
                        775
tgg gtg gtg tat ggg gtg acc tcc tgg ggg tat ggc tgt gga gtc aag
                                                                      2400
Trp Val Val Tyr Gly Val Thr Ser Trp Gly Tyr Gly Cys Gly Val Lys
                    790
                                         795
gat tot cot ggt gtt tat acc aaa gto toa ged ttt gta cot tgg ata
                                                                      2448
Asp Ser Pro Gly Val Tyr Thr Lys Val Ser Ala Phe Val Pro Trp Ile
                805
                                     810
                                                         815
aaa agt gtc acc aaa ctg taattcttca tggaaacttc aaagcagcat
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Lys Ser Val Thr Lys Leu
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Val Thr Asp Phe Gly Ala Pro Cys Leu Arg Trp Ala Glu Val Pro Pro
                         55
Phe Leu Glu Arg Ser Pro Pro Ala Ser Trp Ala Gln Leu Arg Gly Gln
                                          75
Arg His Asn Phe Cys Arg Ser Pro Asp Gly Ala Gly Arg Pro Trp Cys
Phe Tyr Gly Asp Ala Arg Gly Lys Val Asp Trp Gly Tyr Cys Asp Cys
                                 105
                                                     110
Arg His Gly Ser Val Arg Leu Arg Gly Gly Lys Asn Glu Phe Glu Gly
                             120
Thr Val Glu Val Tyr Ala Ser Gly Val Trp Gly Thr Val Cys Ser Ser
                        135
                                             140
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His Trp Asp Asp Ser Asp Ala Ser Val Ile Cys His Gln Leu Gln Leu 150 155 Gly Gly Lys Gly Ile Ala Lys Gln Thr Pro Phe Ser Gly Leu Gly Leu 170 165 Ile Pro Ile Tyr Trp Ser Asn Val Arg Cys Arg Gly Asp Glu Glu Asn 185 Ile Leu Leu Cys Glu Lys Asp Ile Trp Gln Gly Gly Val Cys Pro Gln 200 Lys Met Ala Ala Val Thr Cys Ser Phe Ser His Gly Pro Thr Phe 215 220 Pro Ile Ile Arg Leu Ala Gly Gly Ser Ser Val His Glu Gly Arg Val 230 235 Glu Leu Tyr His Ala Gly Gln Trp Gly Thr Val Cys Asp Asp Gln Trp 245 250 Asp Asp Ala Asp Ala Glu Val Ile Cys Arg Gln Leu Gly Leu Ser Gly 265 Ile Ala Lys Ala Trp His Gln Ala Tyr Phe Gly Glu Gly Ser Gly Pro Val Met Leu Asp Glu Val Arg Cys Thr Gly Asn Glu Leu Ser Ile Glu 295 300 Gln Cys Pro Lys Ser Ser Trp Gly Glu His Asn Cys Gly His Lys Glu 310 315 Asp Ala Gly Val Ser Cys Thr Pro Leu Thr Asp Gly Val Ile Arg Leu 325 330 Ala Gly Gly Lys Gly Ser His Glu Gly Arg Leu Glu Val Tyr Tyr Arg 345 340 Gly Gln Trp Gly Thr Val Cys Asp Asp Gly Trp Thr Glu Leu Asn Thr Tyr Val Val Cys Arg Gln Leu Gly Phe Lys Tyr Gly Lys Gln Ala Ser Ala Asn His Phe Glu Glu Ser Thr Gly Pro Ile Trp Leu Asp Asp Val 390 395 Ser Cys Ser Gly Lys Glu Thr Arg Phe Leu Gln Cys Ser Arg Arg Gln 410 Trp Gly Arg His Asp Cys Ser His Arg Glu Asp Val Ser Ile Ala Cys 420 425 Tyr Pro Gly Gly Glu Gly His Arg Leu Ser Leu Gly Phe Pro Val Arg 435 440 445 Leu Met Asp Gly Glu Asn Lys Lys Glu Gly Arg Val Glu Val Phe Ile 455 460 Asn Gly Gln Trp Gly Thr Ile Cys Asp Asp Gly Trp Thr Asp Lys Asp 470 475 Ala Ala Val Ile Cys Arg Gln Leu Gly Tyr Lys Gly Pro Ala Arg Ala 485 490 Arg Thr Met Ala Tyr Phe Gly Glu Gly Lys Gly Pro Ile His Val Asp 505 Asn Val Lys Cys Thr Gly Asn Glu Arg Ser Leu Ala Asp Cys Ile Lys 520 Gln Asp Ile Gly Arg His Asn Cys Arg His Ser Glu Asp Ala Gly Val 535 540 Ile Cys Asp Tyr Phe Gly Lys Lys Ala Ser Gly Asn Ser Asn Lys Glu 555 Ser Leu Ser Ser Val Cys Gly Leu Arg Leu Leu His Arg Arg Gln Lys 570 Arg Ile Ile Gly Gly Lys Asn Ser Leu Arg Gly Gly Trp Pro Trp Gln

580 585 Val Ser Leu Arg Leu Lys Ser Ser His Gly Asp Gly Arg Leu Leu Cys 600 Gly Ala Thr Leu Leu Ser Ser Cys Trp Val Leu Thr Ala Ala His Cys 615 Phe Lys Arg Tyr Gly Asn Ser Thr Arg Ser Tyr Ala Val Arg Val Gly 635/ 630 Asp Tyr His Thr Leu Val Pro Glu Glu Phe Glú Glu Glu Ile Gly Val 65,0 645 Gln Gln Ile Val Ile His Arg Glu Tyr Arg Pro Asp Arg Ser Asp Tyr 660 6,6°5 Asp Ile Ala Leu Val Arg Leu Gln Gly Pro Glu Glu Gln Cys Ala Arg 680 Phe Ser Ser His Val Leu Pro Ala Cys Leu Pro Leu Trp Arg Glu Arg 695 Pro Gln Lys Thr Ala Ser Asn Cys Tyr Ile Thr Gly Trp Gly Asp Thr 715 Gly Arg Ala Tyr Ser Arg Thr Leu Gln Gln Ala Ala Ile Pro Leu Leu 730 Pro Lys Arg Phe Cys Glu Glu Arg Tyr Lys Gly Arg Phe Thr Gly Arg 745 Met Leu Cys Ala Gly Asn Leu His Glu His Lys Arg Val Asp Ser Cys 760 Gln Gly/Asp Ser Gly Gly Pro Leu Met Cys Glu Arg Pro Gly Glu Ser 775 780 Trp Val Val Tyr Gly Val Thr Ser Trp Gly Tyr Gly Cys Gly Val Lys 790 795 Asp Ser Pro Gly Val Tyr Thr Lys Val Ser Ala Phe Val Pro Trp Ile 805 810 Lys Ser Val Thr Lys Leu 820